| L Number | Hits    | Search Text   | DB                   | Time stamp                              |
|----------|---------|---|----------------------|---|
| 1        | 109     | "regular expression pattern"  | USPAT;               | 2003/12/03 10:18                        |
|          |         |   | US-PGPUB;            |   |
|          |         |   | EPO; JPO;            |   |
|          |         |   | IBM_TDB              |   |
| 4        | 31      | "regular expression pattern" and script                             | USPAT;               | 2003/12/03 10:18                        |
|          |         |   | US-PGPUB;            |   |
|          |         |   | EPO; JPO;            |   |
|          |         |   | IBM_TDB              | 2002/42/04 47:40                        |
| -        | 235     | 717/100.ccls.   | USPAT;               | 2003/12/01 17:49                        |
|          |         | <i>,</i>  | US-PGPUB;            |   |
|          | !       |   | EPO; JPO;            |   |
|          | 4       | /#F2F2422# #E012012# #E0720E7# #E0E6E12#\ nn                        | IBM_TDB<br>USPAT;    | 2002/11/21 12:26                        |
| -        | 4       | ("5353433" "5812812" "5872957" "5956513").pn.                       | US-PGPUB;            | 2003/11/21 12:26                        |
|          |         |   | EPO; JPO;            |   |
|          |         |   | IBM_TDB              |   |
|          | 1429482 | recompil\$5 compil\$5 upgrad\$3 updat\$3 pars\$3 build\$3 link\$3   | USPAT;               | 2003/11/24 15:58                        |
| -        | 1725702 | Tecombilation obdigates abases barate parate                        | US-PGPUB;            | 2003/11/21 13:30                        |
|          |         |   | EPO; JPO;            |   |
|          |         | ·   | IBM_TDB              |   |
| _        | 3843477 | code file source build object software                              | USPAT;               | 2003/11/24 16:01                        |
|          | 3013177 | Code file Source balla object soletiale                             | US-PGPUB;            |   |
|          |         |   | EPO; JPO;            |   |
|          | •       |   | IBM_TDB              |   |
| -        | 46775   | (recompil\$5 compil\$5 upgrad\$3 updat\$3 pars\$3 build\$3 link\$3) | USPAT;               | 2003/11/24 16:03                        |
|          |         | near (code file source build object software)                       | US-PGPUB;            |   |
|          | Į       |   | EPO; JPO;            |   |
|          |         | ·   | IBM_TDB              |   |
| -        | 477927  | (recompil\$5 compil\$5 upgrad\$3 updat\$3 pars\$3 build\$3 link\$3) | USPAT;               | 2003/11/24 16:04                        |
|          |         | same (code file source build object software)                       | US-PGPUB;            |   |
|          |         | ·   | EPO; JPO;            |   |
|          |         |   | IBM_TDB              | 2002/11/24 16:05                        |
| -        | 2853    | (717/136-169).ccls  | USPAT;               | 2003/11/24 16:05                        |
|          |         |   | US-PGPUB;            |   |
|          |         |   | EPO; JPO;<br>IBM_TDB |   |
|          | 70      | (717/14E) celc  | USPAT;               | 2003/11/25 11:33                        |
| -        | 78      | (717/145).ccls  | US-PGPUB;            | 2005/11/25 11:55                        |
|          |         |   | EPO; JPO;            | 1                                       |
|          | -       |   | IBM_TDB              |   |
|          | 17449   | compiler  | USPAT;               | 2003/11/25 09:39                        |
|          | 1/113   |   | US-PGPUB;            | , |
|          |         |   | EPO; JPO;            |   |
| •        |         |   | IBM_TDB              |   |
| -        | 217     | (717/136).ccls  | USPAT;               | 2003/11/25 10:58                        |
|          |         |   | US-PGPUB;            |   |
|          |         |   | EPO; JPO;            |   |
|          |         |   | IBM_TDB              |   |

|   | 48 | ("5678044"             | USPAT;    | 2003/11/25 11:41 |
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|   |    | "5854932"              | US-PGPUB; |                  |
|   |    | "5933829"              | EPO; JPO; |                  |
|   |    | "6108656"              | IBM_TDB   |                  |
|   |    | "5973687"              |           |                  |
|   |    | "5555419"              |           |                  |
|   |    | "6185668"              |           |                  |
|   |    | "5623592"              |           |                  |
|   |    | "5742818"              |           |                  |
|   |    | "5797011"              |           |                  |
|   |    | "6223284"              |           |                  |
|   |    | "6223284"              |           |                  |
|   |    | "5809138"              |           |                  |
|   |    | "5287519"              |           |                  |
|   |    |                        |           |                  |
|   |    | "5900000"              |           |                  |
|   |    | "5956481"<br>"6456305" |           |                  |
|   | 1  | "6456395"              |           |                  |
|   |    | "6041411"              |           |                  |
|   |    | "5889995"              |           |                  |
|   |    | "5375242"              |           |                  |
|   |    | "5493682"              |           | -                |
|   |    | "5692196"              |           |                  |
|   |    | "5790861"              |           |                  |
|   |    | "5920723"              |           |                  |
|   |    | "5923880"              | 1         |                  |
|   |    | "6178548"              |           |                  |
|   | ļ  | "6226786"              |           |                  |
|   | Ì  | "6226786"              |           |                  |
|   |    | "6397385"              |           |                  |
|   |    | "5579520"              |           |                  |
| 1 |    | "5774728"              |           |                  |
|   | 1  | "6077315"              |           |                  |
| • |    | "5208421"              |           |                  |
|   |    | "5276881"              |           |                  |
|   |    | "5339419"              |           |                  |
| 1 |    | "5428782"              |           |                  |
|   | -  | "5675803"              |           |                  |
| i |    | "5680622"              |           |                  |
|   |    | "5694601"              |           |                  |
|   |    | "5699310"              |           |                  |
|   |    | "5778212"              |           |                  |
| 1 |    | 5//6212<br>  "5812855" |           |                  |
|   |    | "5812855<br>"5819089"  |           |                  |
|   |    |                        |           |                  |
|   |    | "5822588"              |           |                  |
|   |    | "5848274"              |           |                  |
|   |    | "5872977"              |           |                  |
|   |    | "5896530"              |           | 1                |
|   |    | "5933826"              |           |                  |
|   |    | "5983240"              |           | •                |
|   |    | "6009436").pn.         |           |                  |

| - 48 | ("6115711"             | USPAT;    | 2003/11/25 12:00 |
|------|------------------------|-----------|------------------|
|      | "6129460"              | US-PGPUB; |                  |
|      | "6151702"              | EPO; JPO; |                  |
| ļ    | "6185578"              | IBM_TDB   |                  |
|      | "6202201"              | _         |                  |
|      | "6211881"              |           |                  |
|      | "6216237"              |           |                  |
|      | "6211881"              |           |                  |
|      | "6216237"              |           |                  |
|      | "6237136"              |           |                  |
|      | "6317871"              |           |                  |
|      | "6378126"              |           |                  |
|      | "6473767"              |           |                  |
|      | "6523101"              |           |                  |
|      | "5386545"              |           |                  |
|      | "5860004"              |           |                  |
|      | "5045850"              |           |                  |
|      | "5371747"              |           |                  |
|      | "5418954"              |           |                  |
|      | 5416954<br>"5623661"   |           |                  |
| •    | "5754861"              |           |                  |
|      | "5778231"              |           |                  |
| 1    |                        |           |                  |
|      | "5974256"<br>"F005100" |           |                  |
|      | "5995100"<br>"C041190" | Ì         |                  |
|      | "6041180"<br>"6110227" |           |                  |
| _    | "6110227"              |           |                  |
|      | "6138238"              |           |                  |
|      | "6173441"              |           |                  |
|      | "6442571"              |           |                  |
|      | "6459511"              |           |                  |
|      | "5418965"              |           |                  |
|      | "5654738"              |           |                  |
|      | "6115026"              |           |                  |
|      | "4584639"              |           |                  |
|      | "4779079"              |           |                  |
|      | "5297200"              |           |                  |
|      | "5361359"              |           |                  |
|      | "5551037"              |           |                  |
|      | "5671420"              |           |                  |
|      | "5680621"              |           |                  |
|      | "5727205"              |           |                  |
|      | <sup>*</sup> "5764593" |           |                  |
|      | "5768582"              |           |                  |
|      | "6021414"              |           |                  |
|      | "6070008"              |           |                  |
|      | "6079017"              |           |                  |
| ,    | "6145739"              |           |                  |
|      | "6259367"              |           |                  |
|      | "6278455"              |           |                  |
|      | "6330653").pn.         | <u> </u>  | <u></u>          |

| - 50 | ("6366900"             | USPAT;    | 2003/11/25 12:20 |
|------|------------------------|-----------|------------------|
|      | "6591413"              | US-PGPUB; |                  |
|      | "6598219"              | EPO; JPO; |                  |
|      | "5398196"              | IBM_TDB   |                  |
|      | "5837986"              |           |                  |
|      | "6002876"              |           |                  |
|      | "5539911"              |           |                  |
|      | "5678039"              |           |                  |
|      | "5696822"              |           |                  |
|      | "5764883"              |           |                  |
|      | "5768504"              |           |                  |
|      | "5821933"              |           |                  |
| ·    | "5826013"              |           |                  |
|      | "5842002"              |           |                  |
|      | "5854916"              |           |                  |
|      | "5867713"              |           |                  |
|      | "5937411"              |           |                  |
|      | 5937411<br>  "5940790" |           |                  |
|      | "5961629"              |           |                  |
|      | "5964889"              |           |                  |
|      |                        |           |                  |
|      | "5999723"              |           |                  |
|      | "6014513"<br>"6020654" |           |                  |
|      | "6038654"              |           |                  |
|      | "6079010"              |           |                  |
|      | "6092181"              |           |                  |
| 1    | "6101594"              |           |                  |
|      | "6128723"              | ļ         |                  |
|      | "6256720"              |           |                  |
|      | "6272619"              |           |                  |
|      | "6275822"              |           |                  |
|      | "6279123"              |           |                  |
| į.   | "6357008"              |           |                  |
| İ    | "6477510"              |           |                  |
|      | "6535894"              |           |                  |
|      | "6421643"              |           |                  |
|      | "6038395"              |           |                  |
|      | "4875159"              |           |                  |
| 1    | "4961133"              |           |                  |
|      | "5574898"              |           |                  |
|      | "5577244"              |           |                  |
|      | "5649200"              |           |                  |
|      | "5675804"              |           |                  |
|      | "5826090"              |           |                  |
|      | "6014464"              |           |                  |
|      | "6131192"              | 1 .       |                  |
|      | "6173376"              |           |                  |
|      | 6173376<br>  "6246791" |           |                  |
|      | "6253215"              |           |                  |
|      | "6249786"              |           |                  |
|      |                        |           |                  |
|      | "5721824").pn.         | 1         | _L               |

| - 5 | 50 ("5931909"          | USPAT;    | 2003/11/25 12:22 |
|-----|------------------------|-----------|------------------|
| '   | "6311149"              | US-PGPUB; |                  |
|     | "5450545"              | EPO; JPO; |                  |
|     | "5526576"              | IBM_TDB   |                  |
|     | "6002869"              |           |                  |
|     | "6236992"              |           |                  |
|     | "4156113"              |           |                  |
|     | "4425616"              |           |                  |
|     | "4791556"              |           | ·                |
|     | "4901231"              |           |                  |
|     | "4914585"              |           |                  |
|     | "4945475"              |           |                  |
|     | "5247683"              |           |                  |
|     |                        |           |                  |
|     | "5333152"              |           |                  |
|     | "5355488"<br>"5434376" |           |                  |
|     | "5434776"              |           |                  |
|     | "5442759"              | 1         |                  |
|     | "5473772"              |           |                  |
|     | "5493658"              |           |                  |
|     | "5511147"              |           |                  |
|     | "5513305"              |           |                  |
|     | "5564051"              |           |                  |
|     | "5566319"              |           |                  |
|     | "5584016"              |           |                  |
|     | "5621885"              |           |                  |
|     | "5625670"              |           |                  |
|     | "5631946"              |           |                  |
|     | "5644736"              |           |                  |
|     | "5646871"              |           |                  |
|     | "5713008"              |           |                  |
|     | "5732067"              |           |                  |
|     | "5737518"              |           |                  |
|     | "5740354"              |           |                  |
|     | "5764908"              |           | •                |
|     | "5764918"              |           |                  |
|     | "5778228"              |           |                  |
|     | "5799073"              |           |                  |
|     | "5845068"              |           |                  |
|     | "5852824"              |           |                  |
|     | "5878263"              |           |                  |
|     |                        |           |                  |
|     | "5917902"<br>"5044810" |           |                  |
|     | "5944810"<br>"5097476" |           |                  |
|     | "5987476"              |           |                  |
|     | "6006235"              |           |                  |
|     | "6025836"              |           |                  |
|     | "6029256"              |           |                  |
|     | "6032223"              |           |                  |
|     | "6044379"              | •         |                  |
|     | "6044475"              |           |                  |
|     | "6072795").pn.         |           |                  |

| [- | 50 | ("6097393"             | USPAT;    | 2003/11/25 12:27 |
|----|----|------------------------|-----------|------------------|
|    |    | "6119127"              | US-PGPUB; |                  |
|    |    | "6154828"              | EPO; JPO; |                  |
|    |    | "6181342"              | IBM_TDB   |                  |
|    |    | "6189047"              | _         |                  |
|    |    | "6192344"              |           |                  |
|    |    | "6202121"              |           |                  |
|    |    | "6208642"              |           | 1                |
|    |    | "6282702"              |           |                  |
| !  |    | "6314451"              |           |                  |
|    |    | "6317592"              |           |                  |
|    |    | "6317761"              |           |                  |
|    |    | "6336152"              |           |                  |
|    |    | "6356916"              |           |                  |
| i  |    | "6363475"              |           |                  |
|    |    |                        |           |                  |
| [  |    | "6385645"<br>"6307310" |           |                  |
|    |    | "6397219"<br>"6397219" |           |                  |
| 1  |    | "6397378"              |           |                  |
|    |    | "6401220"              |           |                  |
|    |    | "6401230"              |           |                  |
|    |    | "6412021"              |           |                  |
|    |    | "6466940"              |           |                  |
|    |    | "6466967"              |           |                  |
| 1  |    | "6473707"              |           |                  |
|    | !  | "6578050"              |           |                  |
|    |    | "6613098"              |           |                  |
|    |    | "5819276"              |           |                  |
|    |    | "4931928"              |           |                  |
|    |    | "5634052"              |           |                  |
|    |    | "6182281"              |           |                  |
|    |    | "5182806"              |           |                  |
|    |    | "5193191"              |           |                  |
|    |    | "5201050"              | Ì         | •                |
|    |    | "5301327"              |           |                  |
|    |    | "5313387"              |           |                  |
|    |    | "5325531"              |           |                  |
|    |    | "5202983"              |           |                  |
|    |    | "5377315"              | 1         |                  |
|    |    | "5432942"              |           |                  |
|    |    | "5644775"              |           |                  |
|    |    | "5745749"              |           |                  |
|    |    | "5832264"              |           |                  |
|    |    | "5850554"              |           |                  |
|    |    | "5911070"              |           |                  |
|    |    | "5978586"              |           |                  |
| 1  |    |                        |           |                  |
|    |    | "5978585"<br>"6067641" | 1         |                  |
|    |    | "6067641"              |           |                  |
|    |    | "6110226"              |           |                  |
|    |    | "6134707"              |           |                  |
|    |    | "4374408").pn.         |           |                  |

|     | · · · · · · · · · · · · · · · · · · · |  |           |                  |
|-----|---------------------------------------|--|-----------|------------------|
| -   | 50                                    | ("4503499"   | USPAT;    | 2003/11/25 12:53 |
|     |                                       | "4558413"  | US-PGPUB; |                  |
|     |                                       | "4791558"  | EPO; JPO; |                  |
| ]   | ]                                     | "4888798"  | IBM_TDB   |                  |
|     |                                       | "4916610"  |           | ]                |
|     |                                       | "5021995"  |           |                  |
|     |                                       | "5179702"  |           |                  |
|     |                                       | "5182807"  |           |                  |
|     |                                       | "5193180"  |           |                  |
|     |                                       | "5204960"  |           |                  |
|     |                                       | "5230049"  |           |                  |
|     |                                       | "5287444"  |           |                  |
|     |                                       | "5325533"  |           |                  |
| 1   |                                       | "5333246"  | ,         |                  |
|     |                                       | "5335344"  |           |                  |
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|     |                                       | "5367683"  |           |                  |
|     |                                       | "5408665"  |           |                  |
|     |                                       | "5408667"  |           |                  |
|     |                                       | "5410648"  |           |                  |
|     |                                       | "5432937"  |           |                  |
| 1   |                                       |  |           |                  |
| ]   |                                       | "5446899"<br>"5460574"                             |           |                  |
|     |                                       | "5469574"<br>"5403655"                             |           |                  |
|     |                                       | "5483655"<br>"5485641"                             |           |                  |
|     |                                       | "5485601"<br>"5544456"                             |           |                  |
|     |                                       | "5511156"  |           |                  |
|     |                                       | "5519866"  |           |                  |
|     |                                       | "5524253"  |           |                  |
|     |                                       | "5530942"  |           |                  |
|     |                                       | "5504862"  |           | •                |
|     |                                       | "5535392"  |           | Ì                |
|     |                                       | "5535329"  |           | Ì                |
|     |                                       | "5542045"  |           |                  |
|     |                                       | "5553282"  |           |                  |
|     |                                       | "5583988"  |           |                  |
|     |                                       | "5600836"  |           |                  |
| ļ . |                                       | "5604905"  |           |                  |
|     |                                       | "5606697"  |           |                  |
| .   |                                       | "5651111"  |           |                  |
|     |                                       | "5659735"  |           |                  |
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|     |                                       | "5673390"  |           |                  |
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|     |                                       | "5745748"  |           |                  |
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|     |                                       | "5754858"  | 1         |                  |
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|     |                                       | "5764989").pn.                                     | 1         |                  |
| -   | 12                                    | ("5956513" "5278979" "5182807" "4931928" "5313387" | USPAT;    | 2003/11/25 13:01 |
| ]   | **                                    | "5978585" "5978586" "5473772" "5854932" "5923880"  | US-PGPUB; | 2003/11/23 13.01 |
|     |                                       | "4558413" "6077315").pn.                           | EPO; JPO; |                  |
|     |                                       |  | IBM_TDB   |                  |
| _   | 4                                     | "pattern type variable"                            | USPAT;    | 2003/11/29 12:05 |
|     |                                       | pattern type variable                              | US-PGPUB; | 2003/11/28 12:05 |
| .   |                                       |  |           |                  |
|     |                                       |  | EPO; JPO; |                  |
| _   | 54                                    | 717/150.ccls.                                      | IBM_TDB   | 2002/12/01 00:40 |
|     | 24                                    | /1//100.003.                                       | USPAT;    | 2003/12/01 09:49 |
|     |                                       |  | US-PGPUB; | ļ                |
|     |                                       |  | EPO; JPO; |                  |
| L   |                                       |  | IBM_TDB   |                  |

|    |      |                                      | <del>**</del>              |
|----|------|--------------------------------------|----------------------------|
| -  | 34   | recursiv\$3 near1 compil\$5          | USPAT; 2003/12/01 09:53    |
|    | İ    |                                      | US-PGPUB;                  |
|    |      |                                      | EPO; JPO;                  |
|    |      |                                      | IBM_TDB                    |
| -  | 148  | "generic rules"                      | USPAT; 2003/12/01 10:47    |
|    |      |                                      | US-PGPUB;                  |
|    | i    |                                      | EPO; JPO;                  |
|    |      | ,                                    | IBM_TDB                    |
| ٠- | 7396 | "type variables"                     | USPAT; 2003/12/01 10:49    |
|    |      |                                      | US-PGPUB;                  |
|    |      |                                      | EPO; JPO;                  |
|    |      |                                      | IBM_TDB                    |
| -  | 2    | "generic rules" and "type variables" | USPAT; 2003/12/01 10:49    |
|    |      |                                      | US-PGPUB;                  |
| ,  | _    |                                      | EPO; JPO;                  |
|    |      | (11500005411)                        | IBM_TDB   2002/12/02 14:33 |
| -  | 1    | ("5892951").pn.                      | USPAT; 2003/12/02 14:23    |
|    |      |                                      | US-PGPUB;                  |
|    |      |                                      | EPO; JPO;                  |
|    | 211  | levicel with each man                | IBM_TDB                    |
|    | 311  | lexical with analyzer                | US-PGPUB;                  |
|    |      |                                      | EPO; JPO;                  |
|    |      |                                      | IBM_TDB                    |
|    | 69   | (lexical with analyzer) and script   | USPAT; 2003/12/01 17:52    |
| -  | 69   | (lexical with analyzer) and script   | US-PGPUB;                  |
|    |      |                                      | EPO; JPO;                  |
|    |      |                                      | IBM TDB                    |